

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A recording and reproducing method of an information recording medium for recording information, comprising in which the information recording and reproduction can be conducted,

said recording and reproducing comprising the steps of:

when the information is recorded according to a simple format,

detecting a recording status of the medium, and

recording the recording control data according to a standard format, whose amount is smaller as compared to the predetermined recording control data.

detecting a recording status of the information recording medium; and

when the information is recorded according to a simple format, recording, in response to the detected recording status, a recording control data according to the simple format, whose amount is smaller as compared to a predetermined recording control data according to a standard format.

2. (currently amended): The recording and reproducing method of the information recording medium according to Claim 1, wherein

the recording control data is recorded in a recording manager area and a lead-in area, in a data recording area, the recording manager area, a lead-in area, and the lead-out area, which are predetermined according to the standard format.

wherein the information recording medium includes a data recording area, a recording manager area, a lead-in area, and a lead-out area, each set according to the standard format; and the recording control data is recorded in the recording manager area and the lead-in area.

3. (currently amended): The recording ~~and reproducing~~ method of the information recording medium according to Claim 2, wherein
in the lead-out area, the lead-out information for an integer times of an error correction unit block is recorded.

4. (currently amended): The recording ~~and reproducing~~ method of the information recording medium according to Claim 2, wherein
the recording control data for 32ECC blocks is recorded in the lead-out area, the lead-out information for 32ECC blocks being recorded in the lead-out area.

5. (currently amended): The recording ~~and reproducing~~ method of the information recording medium according to Claim 1, wherein
when the finalizing processing is conducted on the information recording medium in which information is recorded according to the simple format, the recording control data according to the standard format is recorded again.

6. (currently amended): The recording ~~and reproducing~~ method of the information recording medium according to Claim 1, wherein
when the information recording is indicated, the information in the delay time required up to the actual recording start of the information is temporarily held, and the held information is recorded from the start time of the actual recording.

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7. (currently amended): An information recording ~~and reproducing~~ apparatus which records information on an information recording medium, comprising: ~~and reproduces the information to the information recording medium on which the information recording and reproduction can be conducted,~~

~~said information recording and reproducing apparatus comprising:~~

~~means for recording and reproducing the information to the information recording medium on which the information recording and reproduction can be conducted, and~~

~~a recording control data recording means for recording the recording control data according to the simple format, whose amount is smaller as compared to the predetermined recording control data according to the standard format.~~

means for recording the information on the information recording medium according to a standard format or a simple format;

a recording control data recording unit configured to record a recording control data according to the simple format, whose amount is smaller as compared to a predetermined recording control data according to the standard format, when the means for recording the information records information on the information recording medium according to the simple format.

8. (currently amended): The information recording ~~and reproducing~~ apparatus according to Claim 7, ~~wherein~~

~~said recording control data recording means records the recording control data according to the simple format in a recording manager area and a lead-in area, in the data recording area,~~

~~the recording manager area, the lead-in area, and the lead-out area, which are predetermined according to the predetermined standard format.~~

~~wherein the information recording medium includes a data recording area, a recording manager area, a lead-in area, and a lead-out area, each set according to the standard format; and the recording control data is recorded in the recording manager area and the lead-in area.~~

9. (currently amended): The information recording ~~and reproducing~~ apparatus according to Claim 8, wherein

said recording control data recording means unit records the recording control data for 32 ECC blocks in the lead-out area, the lead-out information for 32 ECC blocks being recorded in the lead-out area.

10. (currently amended): The information recording ~~and reproducing~~ apparatus according to Claim 7, further comprising:

a finalizing processing means for re-recording the recording control data according to the standard format ~~in on~~ the information recording medium on which the information recording is ~~conducted according to the simple format had previously been recorded by the means for recording the information according to the simple format.~~

11. (currently amended): The information recording ~~and reproducing~~ apparatus according to Claim 7, further comprising:

an information storing ~~recording~~ means for temporarily holding the information in the delay time necessary up to the actual recording start of the information, ~~when the information recording is indicated, and for recording the held information from the start time of the actual~~

recording by the means for recording the information, when the information recording is indicated;

wherein the means for recording the information records the stored information from the start time of the actual recording.

12. (new): An information recording apparatus which records information on an information recording medium, comprising:

a recording unit which records the information on the information recording medium according to a standard format or a simple format;

a recording control data recording unit configured to record a recording control data according to the simple format, whose amount is smaller as compared to a predetermined recording control data according to the standard format, when the recording unit records information on the information recording medium according to the simple format.

13. (new): The information recording apparatus according to Claim 12, wherein the information recording medium includes a data recording area, a recording manager area, a lead-in area, and a lead-out area, each set according to the standard format; and

the recording control data is recorded in the recording manager area and the lead-in area.

14. (new): The information recording apparatus according to Claim 13, wherein said recording control data recording unit records the recording control data for 32 ECC blocks in the lead-out area, the lead-out information for 32 ECC blocks being recorded in the lead-out area.

15. (new): The information recording apparatus according to Claim 12, further comprising:

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a finalizing processor which re-records the recording control data according to the standard format on the information recording medium on which the information had previously been recorded by the recording unit according to the simple format.

16. (new): The information recording apparatus according to Claim 12, further comprising:

an information storage unit for temporarily holding the information in the delay time necessary up to the actual recording start of the information by the recording unit, when the information recording is indicated;

wherein the recording unit records the stored information from the start time of the actual recording.